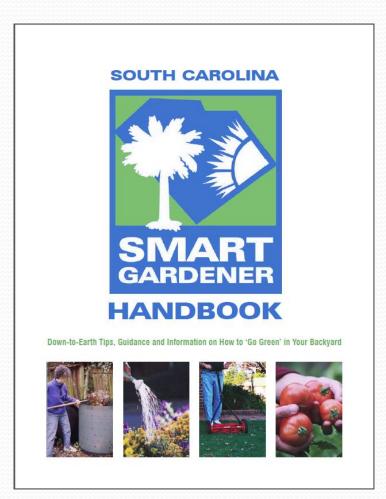
Can You Dig It?

Take Action Today
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Great Resource



- Available at:
- http://www.scdhec.gov
- Do a search for Smart Gardener
- Click on first item.
- Link to pdf is on the right.

• 1/3 = Green Nitrogen



• 2/3 = Brown Carbon



What cannot go in?

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	Good Compost Pile	Not Enough Moisture	No air (aerobic)	High in Nitrogen	Low in Nitrogen
Nitrogen : Carbon	1:3	1:3	1:3	1:0	0:3
Ingredients	Layered wet greens and dry browns	Layered dry greens and dry browns	Layered wet greens and dry browns	All greens – wet and dry	Mostly dry browns
Moisture	Keep moist	Do not water	Keep moist	Keep moist	Keep moist
Turning	Turn regularly	Turn regularly	Do not turn	Turn regularly	Turn regularly
Container	Holes	Holes	No Holes	Holes	Holes





Mantis Tumbler = \$500



Seattle Composter= \$60

Homemade = \$25 + sweat



Pallets = Free







What Are the Challenges

Problem	Solutions		
Too much material	Only collect student scraps	Cut back on cafeteria waste	
Smell	Not in a good pile	Use as a learning opportunity	
Ants	Try thick plastic like pond liner under the pile – remember to add soil	Backerboard (sheets of concrete used under tile) from Lowe's	
Student motivation	Everyone must participate at least once a quarter	Wait until next year	

Vermicomposting - Worms

 Red Worms (Eisenia fetida) –Red Wigglers, Brandling Worms, Manure Worms, Trout Worms, Tiger Worms





Vermicomposting - Bins





Vermicomposting - Bedding

Inxepensive/Free

- Shredded cardboard
- Shredded newspaper
- Aged straw
- Fall leaves
- Moisture wrung out wet sponge
- Air Holes

Costly

- Coconut coir
- Peat moss

Vermicomposting – Food

Yes

- All in moderation
- Vegetable & fruit waste -
- Starchy materials bread, pasta, rice, potatoes
- Aged animal manures
- Shredded newspaper, used paper towels
- Egg shells
- Coffee grounds
- Tea bags

No

- Human/pet waste
- Non biodegradable materials
- Dairy/meat
- Oils/grease
- Harsh chemicals

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